Attorney Docket No. <u>C01-017</u>

(New Nonprovisional Applications Under 37 CFR § 1.53(b))

TO THE ASSISTANT COMMISSIONER FOR PATENTS:

Transmitted herewith is the patent application of () appl	ication identifier or (X)	first named inventor	, <u>Ivan E</u>	Bachelder,	entitled
Probe Mark Inspection Method and Apparatus, for a(n):					

Original Patent App				=
() Continuat of prior ap	tion (prior application not ion () Divisional oplication No: nt claiming priority under	() ContinuationFiled on:	<u> </u>	60 17
nclosed are:				
(X) Specificat	ion; 32 Total Pages	. (X) Drawi	ng(s); 8 Total Sheets.	
(X) Oath or D	eclaration:			
(X) A Nev	vly Executed Combined De		ttorney:	
		Unsigned.	() Partially Signed.	
	y from a Prior Application			
			the prior application, from which	
			part of the disclosure of the acc	companying
	pplication and is hereby in		ence. Prior Application. (37 CFR § 1	62(4)(2))
() Power of.	•		Receipt Postcard.	$103(\mathbf{u})(2)$).
			in the amount of \$	for the Filing Fee
() Prelimina			ion Disclosure Statement and F	
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	d Copy of Priority Docume			
	claims small entity status.	· U1 7	,	
	Assignment with Record	lation Cover Sheet		
(X) Nonpubli	cation Request Under 35			
		CLAIMS AS FILED		
FOR	NO. FILED	NO. EXTRA	RATE	FEE
Total Claims	16	0	\$18.00	\$ 0.0
Independent Claims	2	0	\$84.00	\$ 0.0
Multiple Dependent Cla				\$0.0
	Fee			840.0
Assignment Recording				\$740.0
Basic Filing Fee			Total Filing Fee	\$7 \$ 0.0

Respectfully submitted

By: Arthur D'Dea, Attorney of Record, Reg. No. 42,952

Date: 12 - 21 - 2001

Correspondence Address:

23459

PATENT TRADEMARK OFFICE

Phone: (508) 650-3156 Fax: (508) 650-3329

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FEE TRANSMITTAL for FY 2001

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT

/A\	700 0
1 (4)	780.0
(\$)	100.0

Complete if Known			
Application Number	Not Yet Assigned		
Filing Date	12/21/01		
First Named Inventor	Bachelder		
Examiner Name	Not Yet Assigned		
Group Art Unit	Not Yet Assigned		
Attorney Docket No.	C01-017		

The Communication is hereby authorized to charge indicated less and credit any overpayments to:	METHOD OF PAYMENT	FEE CALCULATION (continued)					
Ognex Corporation Code (s) Code (s) Code (s) Fee Beachthon Fee Paid	The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:		Large Entity		Small Entity	3	
Deposition Cognex Corporation Cognex Cognex Corporation Cognex Corporation Cognex Corporation Cognex Corporation Cognex Cognex Cognex	Account 03-235/					Fee Description	Fee Paid
Charge Any Adatonal Fee Required 127 50 227 25 139 130 139 130 1	Deposit Account Cognex Corporation	105	130	205	65	Surcharge - late filing fee or oath	
Applicant claims small entity status. 139 130 139 130 139 130 Non-English specification	Charge Any Additional Fee Required	127	50	227	25		
Payment Enclosed:		139	130	139	130	Non-English specification	
Check		147	2,520	147	2,520	For filing a request for ex parte reexamination	
1. BASIC FILING FEE Calculation 115 110 215 55 55 55 55 55 55 5	Charle Condt Cord Money Other	112	920*	112	920*		
116 390 216 195 Extension for reply within second month 117 890 117 445 Extension for reply within second month 118 1,390 218 695 Extension for reply within fourth month 118 1,390 218 695 Extension for reply within firth month 118 1,390 218 695 Extension for reply within firth month 119 310 219 155 Notice of Appeal 118 1,390 218 435 Extension for reply within firth month 119 310 219 155 Notice of Appeal 120 310 220 155 Filing a brief in support of an appeal 121 270 221 135 Request for oral hearing 121 270 221 135 Request for oral hearing 138 1,510 138	FEE CALCULATION	113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action	
Large Entity Fee	1. BASIC FILING FEE	115	110	215	55	Extension for reply within first month	
Pee Fee Fee Code Fee Fee Code Fee Fee Code Fee Fee Code Fee Fee Fee Fee Code Fee Fee Fee Code Fee Co		116	390	216	195	Extension for reply within second month	
101 710 201 355 Utility filing fee 740.00 118 1,390 218 695 Extension for reply within fourth month 128 1,890 228 945 Extension for reply within fifth month 128 1,890 228 945 Extension for reply within fifth month 128 1,890 228 945 Extension for reply within fifth month 128 1,890 228 945 Extension for reply within fifth month 128 1,890 228 945 Extension for reply within fifth month 128 1,890 228 945 Extension for reply within fifth month 128 1,890 228 945 Extension for reply within fifth month 128 1,890 228 945 Extension for reply within fifth month 128 1,890 228 945 Extension for reply within fifth month 128 1,890 228 945 Extension for reply within fifth month 128 1,890 228 945 Extension for reply within fifth month 128 1,890 228 945 Extension for reply within fifth month 128 1,890 228 945 Extension for reply within fifth month 128 1,890 228 945 Extension for reply within fifth month 128 1,890 228 945 Extension for reply within fifth month 128 1,890 228 945 Extension for reply within fifth month 128 1,890 228 945 Extension for reply within fifth month 128 1,890 228 945 Extension for reply within fifth month 128 1,890 228 945 Extension for reply within fifth month 128 1,890 228 945 Extension for reply within fifth month 128 1,890 228 945 Extension for reply within fifth month 128 1,890 228 945 Extension for reply within fifth month 128 1,890 228 945 Extension for reply within fifth month 128 1,890 228 945 Extension for ferburght month 128 1,890 228 945 Extension for reply within fifth month 128 1,890 228 945 Extension for reply within fifth month 128 1,890 249 155 Filing a brief in support of an appeal 120 130 140 130 140 130 140 140 140 140 140 140 140 140 140 140 140 140 140 140 14	Fee Fee Fee Fee Description	117	890	217	445	Extension for reply within third month	
128 1,890 228 945 Extension for reply within fifth month 129 155 Notice of Appeal 120 310 220 155 Filing a brief in support of an appeal 120 310 220 155 Filing a brief in support of an appeal 127 128 1,890 129 155 Notice of Appeal 120 130 120 135 Notice of Appeal 120 135 Notic	740.00	118	1,390	218	695	Extension for reply within fourth month	
108		128	1,890	228	945	Extension for reply within fifth month	
114		119	310	219	155	Notice of Appeal	
114 150 214 75 Provisional filing fee 121 270 221 135 Request for oral hearing 138 1,510 Petition to institute a public use proceeding 140 110 240 241 620 Petition to revive – unavoidable 141 1,240 241 620 Petition to revive – unintentional 142 1,240 242 620 Utility issue fee (or reissue) 143 440 243 220 Design issue fee 144 600 244 300 Plant issue fee 122 130 Petitions to the Commissioner 123 50 123 50 Processing fee under 37 CFR 1.17(q) 126 180 180 Submission of Information Disclosure Stmt 160 270 204 135 Multiple dependent claims in excess of 20 146 710 246 355 For each additional invention to be examined (37 CFR § 1.129(a)) 169 900 169 900 Request for oral hearing 138 1,510 Petition to institute a public use proceeding 140 1510 240 241 620 Petition to revive – unavoidable 140 140 140 241 620 Petition to revive – unavoidable 141 1,240 242 620 Utility issue fee (or reissue) 144 600 244 300 Plant issue fee 122 130 Petition to the Commissioner 122 130 Petition to institute a public use proceeding 140 140 240 241 620 Petition to revive – unavoidable 140 140 240 241 620 Petition to revive – unintentional 142 1,240 242 620 Utility issue fee (or reissue) 144 600 244 300 Plant issue fee 122 130 Petition to institute a public use proceeding 140		120	310	220	155	Filing a brief in support of an appeal	
SUBTOTAL (1) (\$) 740.00 2. EXTRA CLAIM FEES Extra Claims		121	270	221	135	Request for oral hearing	
2. EXTRA CLAIM FEES Total Claims 16 -20*** = 0 x 18.00 = 144 600 244 300 Petition to revive – unintentional 142 1,240 242 620 Utility issue fee (or reissue) 143 440 243 220 Design issue fee 144 600 244 300 Plant issue fee 122 130 Petitions to the Commissioner 123 50 123 50 Processing fee under 37 CFR 1.17(q) 125 130 Petitions to the Commissioner 123 50 123 50 Processing fee under 37 CFR 1.17(q) 125 130 Petitions to the Commissioner 123 50 123 50 Processing fee under 37 CFR 1.17(q) 125 130 Petitions to the Commissioner 126 180 Submission of Information Disclosure Stmt 133 18 203 9 Claims in excess of 20 581 40 581 40 80 Submission after final rejection (37 CFR § 1.129(a)) 104 270 204 135 Multiple dependent claims in excess of 3 146 710 246 355 For each additional invention to be examined (37 CFR § 1.129(b)) 109 80 209 40 "Reissue independent claims over original patent 149 710 279 355 Request for Continued Examination (RCE) 110 18 210 9 "Reissue claims in excess of 20 169 900		138	1,510	138	1,510		
Total Claims	SUBTOTAL (1) (\$) 740.00	140	110	240	55		
Total Clarms		141	1,240	241	620	Petition to revive – unintentional	
Total Claims		142	1,240	242	620	Utility issue fee (or reissue)	
Independent Claims Multiple Dependent Large Entity Small Entity Fee Fee Fee Code (\$) 103 18 203 9 Claims in excess of 20 104 270 204 135 Multiple dependent claims in excess of 20 109 80 209 40 **Reissue independent claims over original patent substantial patent substantial substantial patent substantial substanti	1000	143	440	243	220	Design issue fee	
Multiple Dependent 122 130 122 130 122 130 Petitions to the Commissioner	Independent 0 3**- 0 X 84.00 =	144	600	244	300	Plant issue fee	
Large Entity Fee Fee Fee Fee Fee Fee Pee Fee Description 123 50 123 50 Processing fee under 37 CFR 1.17(q) 126 180 126 180 Submission of Information Disclosure Stmt Fee Fee Fee Fee Fee Fee Pee Fee Pee Fee Pee Fee Pee Fee F	Multiple =	122	130	122	130	Petitions to the Commissioner	
Fee Code (\$) Code (\$) Code (\$) Code (\$) Code (\$) Fee Description 103 18 203 9 Claims in excess of 20 581 40 581 40 From property (times number of properties) 102 80 202 40 Independent claims in excess of 3 146 710 246 355 Filing a submission after final rejection (37 CFR § 1.129(a)) 104 270 204 135 Multiple dependent claim, if not paid 149 710 249 355 For each additional invention to be examined (37 CFR § 1.129(b)) 109 80 209 40 **Reissue independent claims over original patent original patent **Reissue claims in excess of 20 and over original patent SUBTOTAL (2) (\$) 740.00 Cther fee (specify)		123	50	123	50	Processing fee under 37 CFR 1.17(q)	
103 18 203 9 Claims in excess of 20 104 270 204 135 Multiple dependent claims over original patent 105 80 209 40 **Reissue independent claims over original patent 106 80 209 40 **Reissue claims in excess of 20 107 80 209 40 **Reissue claims in excess of 20 and over original patent 108 80 209 40 **Reissue claims in excess of 20 and over original patent 109 80 209 40 **Reissue claims in excess of 20 and over original patent 100 18 210 9 **Reissue claims in excess of 20 and over original patent 100 SUBTOTAL (2) (\$) 740.00 110 75 81 40 581 40 FRecording each patent assignment per property (times number of property (times number o	Fee Fee Fee Fee Fee Description	126	180	126	180		
102 80 202 40 independent claims in excess of 20 104 270 204 135 Multiple dependent claims, if not paid 109 80 209 40 **Reissue independent claims over original patent 110 18 210 9 **Reissue claims in excess of 20 and over original patent SUBTOTAL (2) (\$) 740.00 (37 CFR § 1.129(a)) For each additional invention to be examined (37 CFR § 1.129(b)) 149 710 249 355 For each additional invention to be examined (37 CFR § 1.129(b)) Request for Continued Examination (RCE) 169 900 169 900 Request for expedited examination of a design application		581	40	581	40	property (times number of properties)	40.00
109 80 209 40 **Reissue independent claims over original patent 110 18 210 9 **Reissue claims in excess of 20 and over original patent SUBTOTAL (2) (\$) 740.00	102 80 202 40 Independent claims in excess of 3	146	710	246	355	(37 CFR § 1.129(a))	
original patent 110 18 210 9 **Reissue claims in excess of 20 and over original patent SUBTOTAL (2) (\$) 740.00 Other fee (specify)	104 270 204 135 Multiple dependent claim, if not paid	149	710	249	355	For each additional invention to be	
110 18 210 9 **Reissue claims in excess of 20 and over original patent SUBTOTAL (2) (\$) 740.00 169 900 169 900 Request for expedited examination of a design application Other fee (specify)	109 80 209 40 **Reissue independent claims over	179	710	279	355	355 Request for Continued Examination (RCE)	
(4)	110 18 210 9 **Reissue claims in excess of 20	169	900	169	900		
	SUBTOTAL (2) (\$) 740.00	Other	fee (spe	cify)			
		*Reduc	ed by Ba	sic Filing	Fee Paid	SUBTOTAL (3) (\$) 40.00	

SUBMITTED BY			Complete (if a	pplicable)
Name (Print/Type)	Arthur J. O'Dea	Registration No. (Attorney/Agent) 42,952	Telephone	(508) 650-3108
Signature	171000		Date	12/21/01

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NONPUBLICATION REQUEST UNDER 35 U.S.C. 122(b)(2)(B)(i)

First Named Inventor		Bachelder
Title Method for Generating a Focused Image of a Object		Generating a Focused Image of an
Atty Docket Number		C01-017

I hereby certify that the invention disclosed in the attached application has not and will not be the subject of an application filed in another country, or under a multilateral agreement, that requires publication at eighteen months after filing.

I hereby request that the attached application not be published under 35 U.S.C. 122(b).

12/21/01 Date

Signature

Arthur J. O'Dea - Registration No. 42,952

This request must be signed in compliance with 37 CFR 1.33(b) and submitted with the application **upon filing**.

Applicant may rescind this nonpublication request at any time. If applicant rescinds a request that an application not be published under 35 U.S.C. 122(b), the application will be scheduled for publication at eighteen months from the earliest claimed filing date for which a benefit is claimed.

If applicant subsequently files an application directed to the invention disclosed in the attached application in another country, or under a multilateral international agreement, that requires publication of applications eighteen months after filing, the applicant **must** notify the United States Patent and Trademark Office of such filing within forty-five (45) days after the date of the filing of such foreign or international application. **Failure to do so will result in abandonment of this application (35 U.S.C. 122(b)(2)(B)(iii)).**